

Electronic Supplementary Information

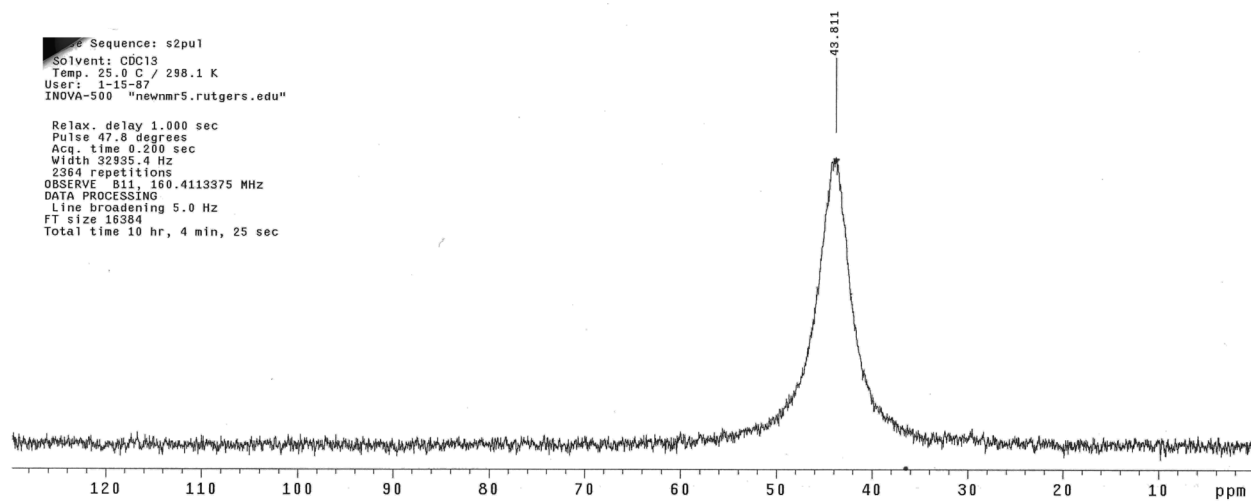
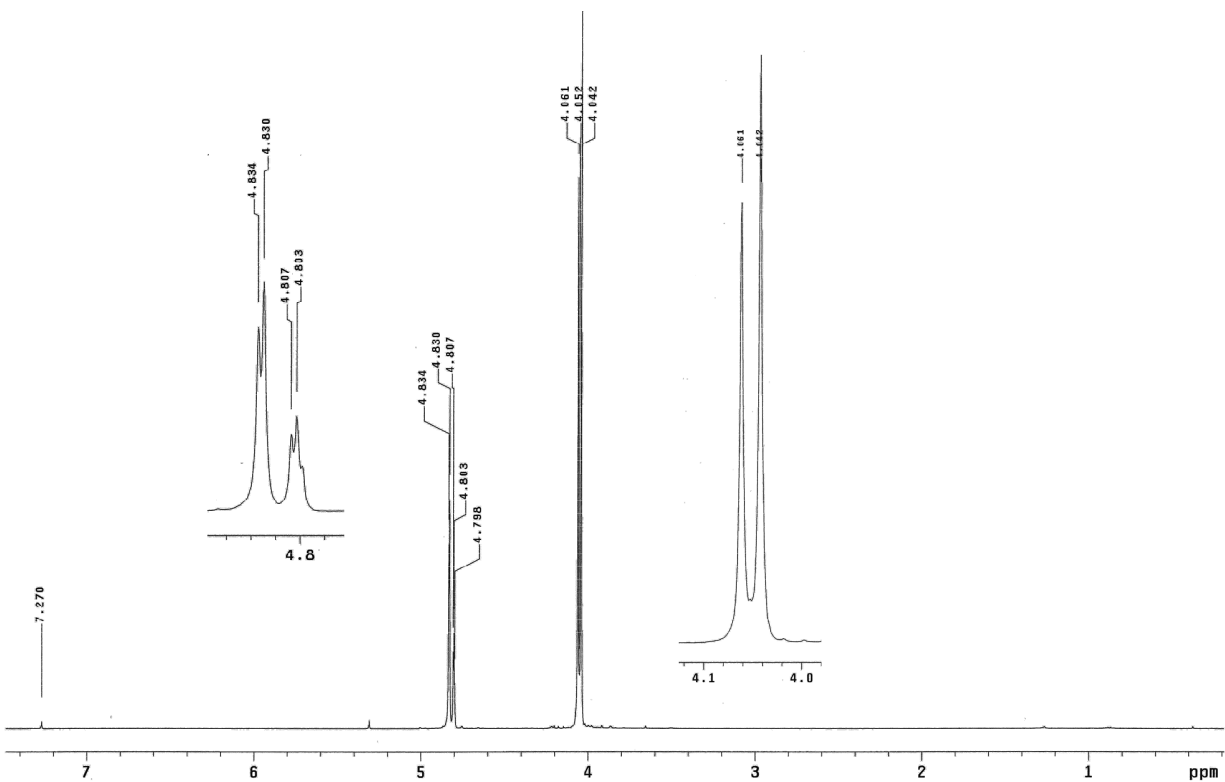
Synthesis and Supramolecular Assembly of the Bifunctional Borinic Acid [1,2-FcB(OH)]₂

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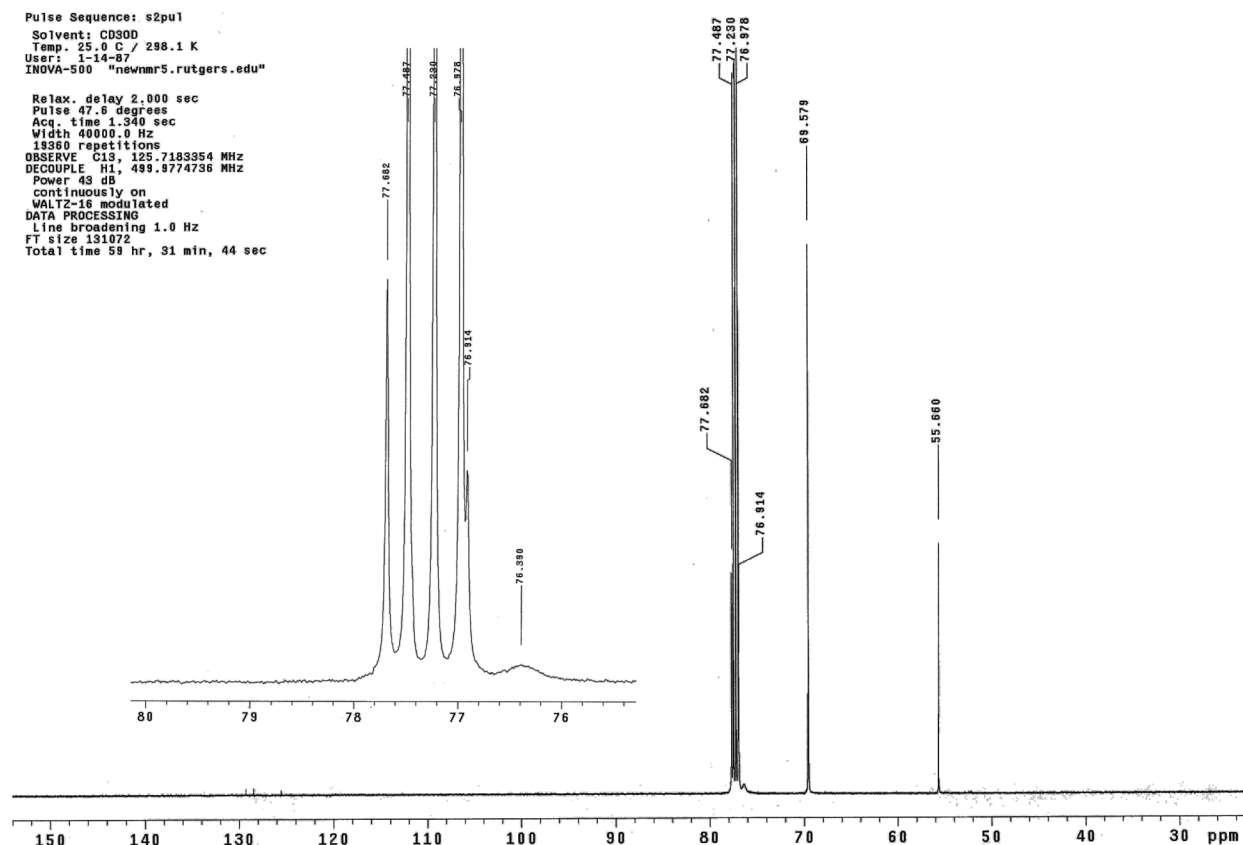


Figure S1c. ¹³C NMR spectrum of **2** in CDCl₃ (25 °C)

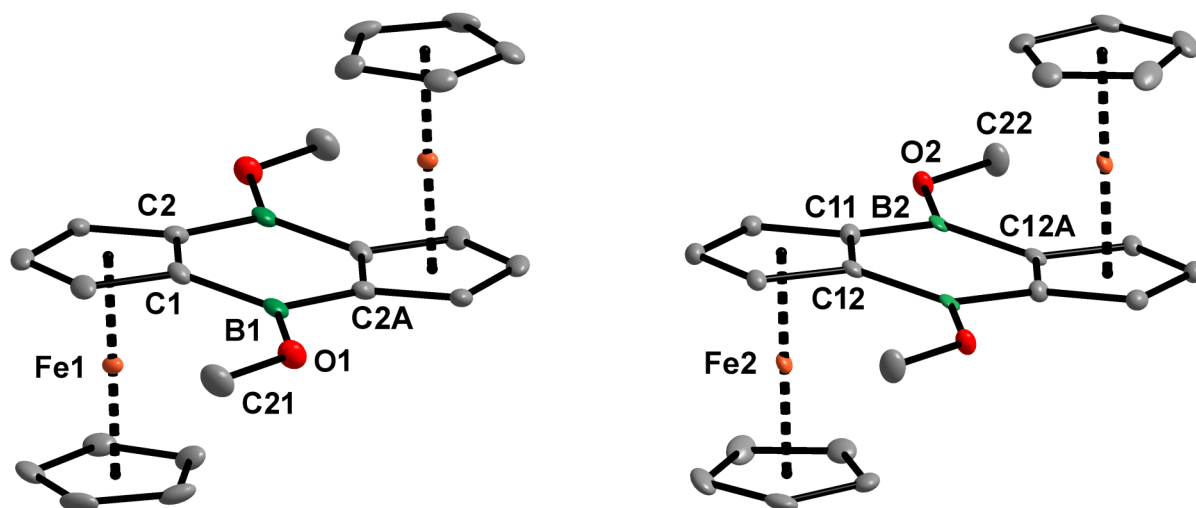


Figure S2. Ellipsoid representations of 2 independent molecules in the unit cell of **2**. Thermal ellipsoids drawn at 50% probability level; hydrogen atoms are omitted.

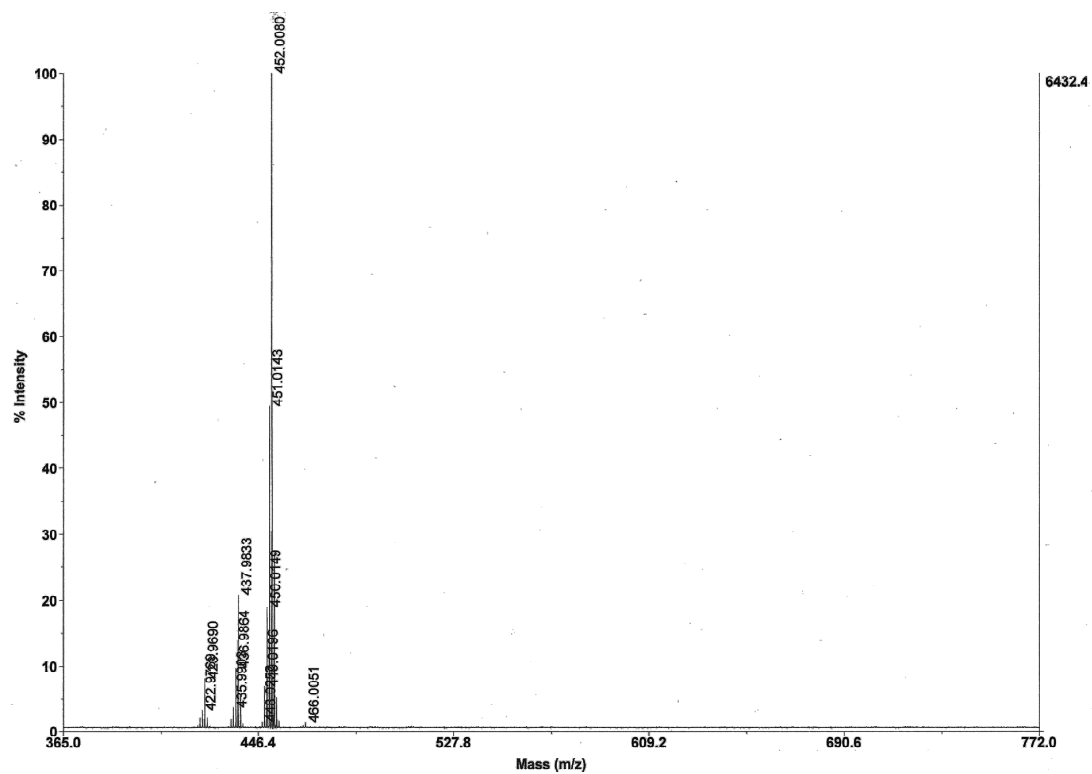


Figure S3. MALDI-TOF MS data of **2** (+ mode, benzo[a]pyrene matrix).

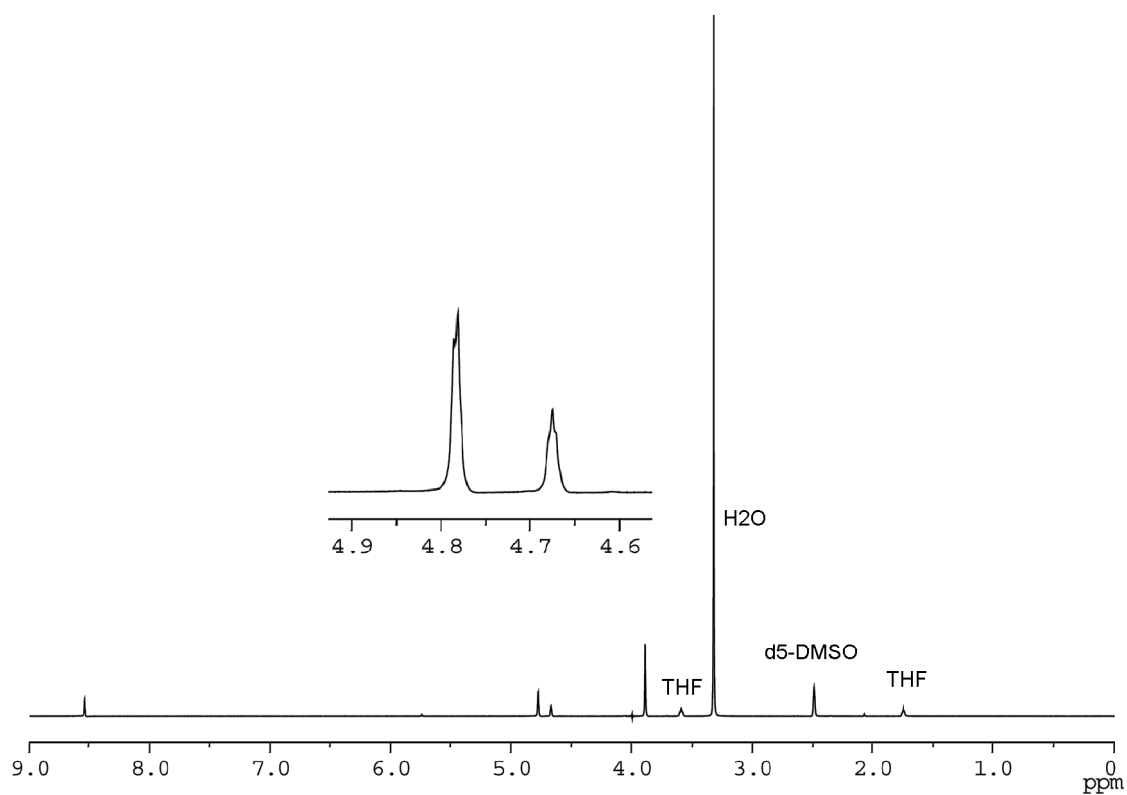


Figure S4a. ¹H spectrum of **3•THF** in d⁶-DMSO (25 °C).

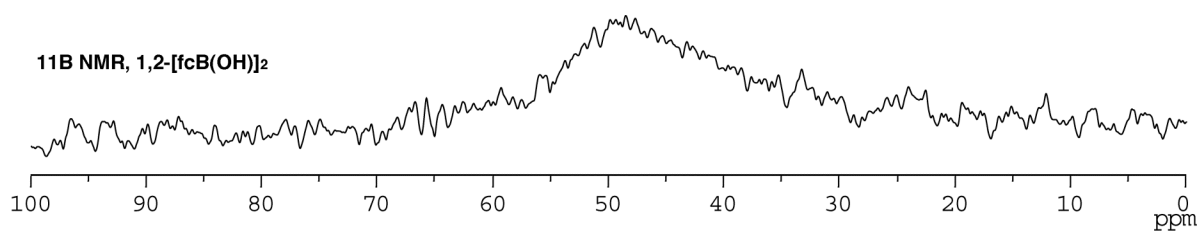


Figure S4b. ¹¹B NMR spectrum of **3•THF** in d⁶-DMSO (25 °C).

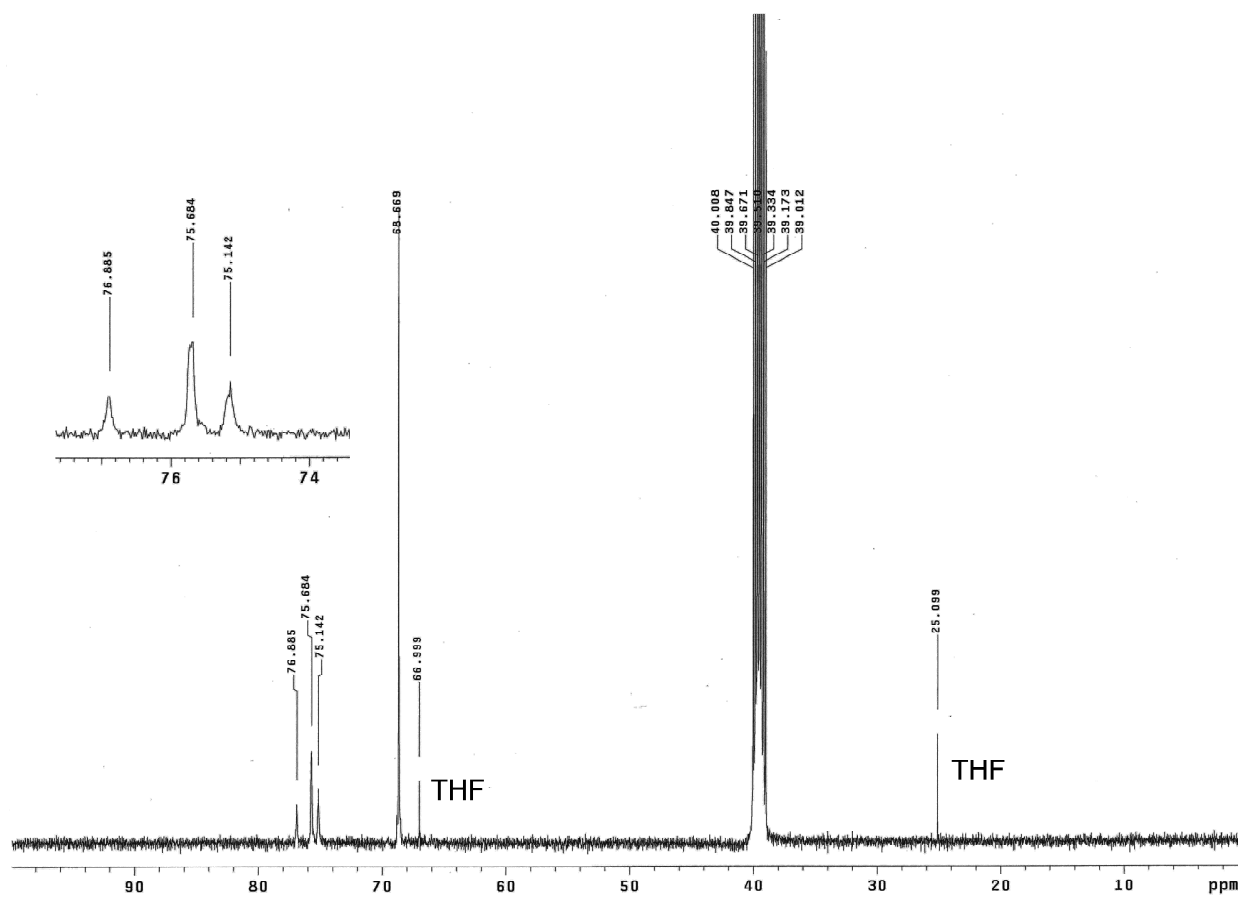
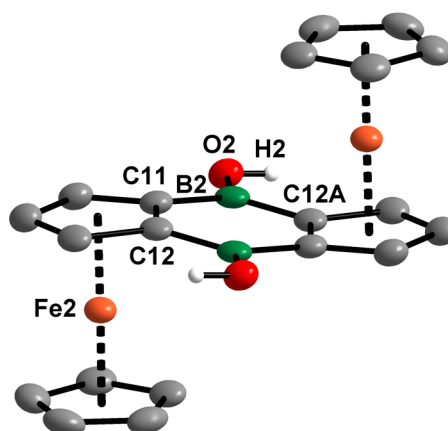
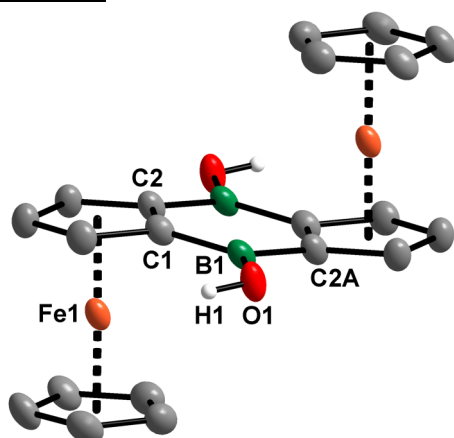
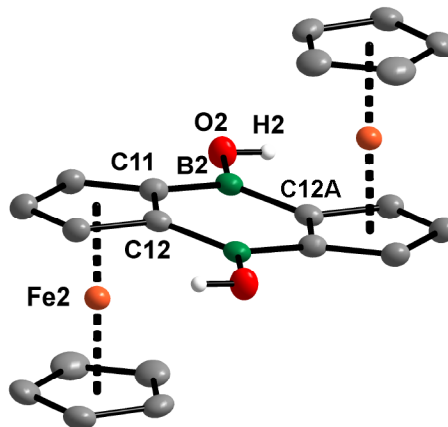
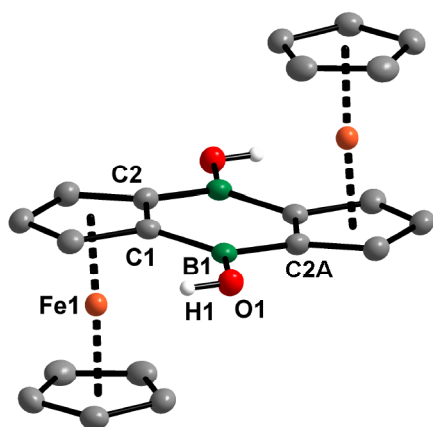


Figure S4b. ¹³C NMR spectrum of **3•THF** in d⁶-DMSO (25 °C).

No solvent:



acetone:



THF:

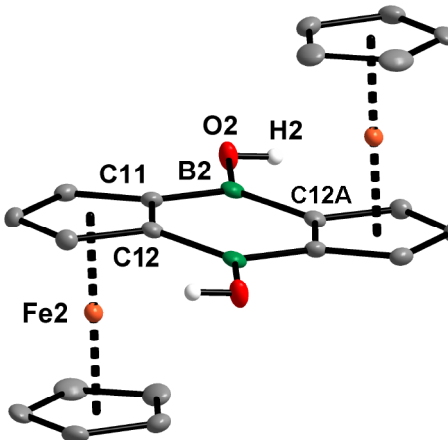
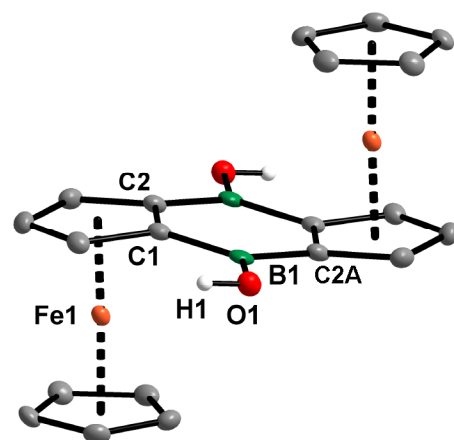


Figure S5. Ellipsoid representations of the main molecules in **3**, **3•acetone**, and **3•THF**. Thermal ellipsoids drawn at 50% probability level; hydrogen atoms are omitted except for the O-H hydrogens.

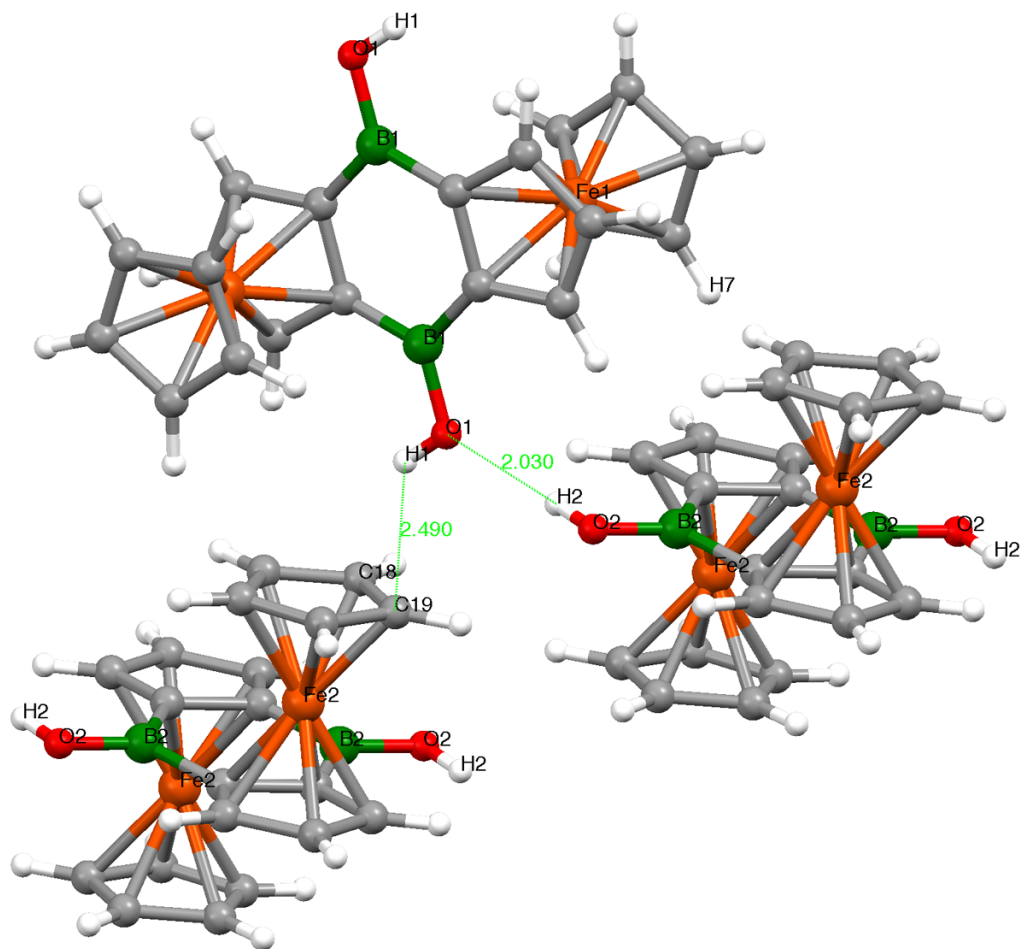


Figure S6. Illustration of hydrogen bonding interactions in solvent-free crystals of **3**.

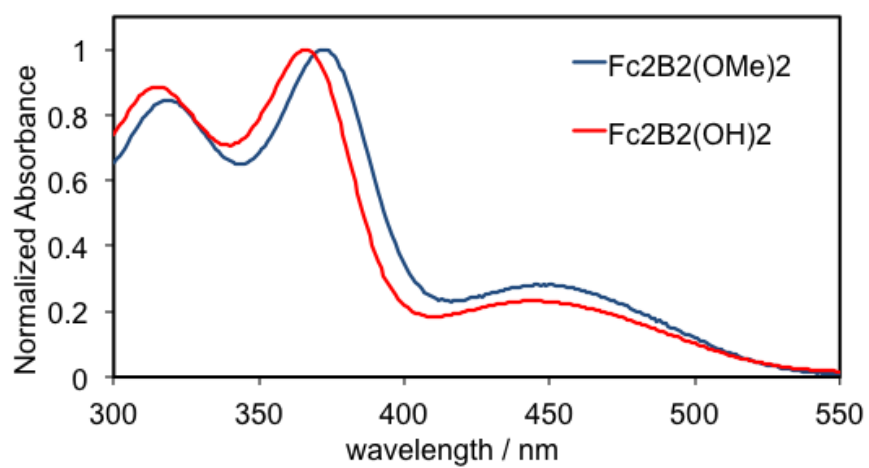


Figure S7. Comparison of UV-Vis spectra of **2** (CHCl₃) and **3** (THF).